ELSEVIER

14 October 1996

PHYSICS LETTERS A

Physics Letters A 221 (1996) 435–440

Author index to volume 221

Aliaga, J. and J.L. Gruver, Ξ and Λ non-degenerate two-photon time-dependent Jaynes–Cummings model: An exact algebraic solution 221 (1996) 19
Ambika, G., Linear scaling relations near onset of chaos for the Josephson junction model 221 (1996) 323
Amusia, M.Ya., see Yakhontov, V.L. 221 (1996) 328
Ananikian, N.S., S.K. Dallakian, N.Sh. Izmailian and K.A. Oganessyan, Chaotic repellers in the antiferromagnetic Ising model (Physics Letters A 214 (1996) 205). Erratum 221 (1996) 434
Arafat, S., see Mostafa, M.F. 221 (1996) 253

Babloyantz, A. and P. Maurer, A graphical representation of local correlations in time series – Assessment of cardiac dynamics 221 (1996) 43
Bao, X.M., see Wu, X.L. 221 (1996) 261
Barabanenkov, M.Yu., see Barabanenkov, Yu.N. 221 (1996) 421
Barabanenkov, Yu.N. and M.Yu. Barabanenkov, Weak time dispersion in scalar theory of radiative transfer for pulse propagation in dense strongly scattering media 221 (1996) 421
Barra, F., O. Descalzi and E. Tirapegui, Nonvariational effects in nonequilibrium systems 221 (1996) 193
Blöcker, T., see Stolzmann, W. 221 (1996) 99
Bonitz, M., Correlation time approximation in non-Markovian kinetics 221 (1996) 85
Brussaard, P., see Kagan, M.Yu. 221 (1996) 407

Caldeira, A.O., see Moussa, M.H.Y. 221 (1996) 145
Cao, H., see Jiang, Q. 221 (1996) 415
Capel, H.W., see Kagan, M.Yu. 221 (1996) 407
Chang, H.-Y., see Kim, J.-H. 221 (1996) 94
Chen, Y., see Song, Y. 221 (1996) 124
Chen, Y.-Y., A wait-and-reset strategy to synchronizing chaotic systems 221 (1996) 34
Chen, Z., see Shuai, J. 221 (1996) 311
Chen, Z.-Y., see Huang, N.-N. 221 (1996) 167
Coffey, M.W., Hall force-dominated nonlinear dynamics of ultraclean high-temperature superconductors 221 (1996) 411
Cuadros, F. and W. Okrasinski, Continuous fit of the vapour–liquid equilibrium with respect to the intensity of the attractive intermolecular forces 221 (1996) 339
Cunha, M.D., V.V. Konotop and L. Vázquez, Small-amplitude solitons in a nonlocal sine-Gordon model 221 (1996) 317

Dai, X., see Zhang, C. 221 (1996) 239
Dallakian, S.K., see Ananikian, N.S. 221 (1996) 434
Descalzi, O., see Barra, F. 221 (1996) 193

Ding, F., see Zhang, C. 221 (1996) 239
Dixon, J.M., J.A. Tuszyński and M.L.A. Nip, A nonlinear field theoretical method of determining the one-electron energies of a neutral zinc atom 221 (1996) 56
Duarte, A.A., see Mancho, A.M. 221 (1996) 181
Dyachenko, A.I. and V.E. Zakharov, Toward an integrable model of deep water 221 (1996) 80
Dyachenko, A.I., E.A. Kuznetsov, M.D. Spector and V.E. Zakharov, Analytical description of the free surface dynamics of an ideal fluid (canonical formalism and conformal mapping) 221 (1996) 73

Enderlein, J., Path integral approach to fluorescence correlation experiments 221 (1996) 427

Fairlie, D.B. and A.N. Leznov, Infinite series solutions of the symmetry equation for the 1 + 2 dimensional continuous Toda chain 221 (1996) 306
Fan, L. and Z. Lin, Self-similarity of a family of binary quasiperiodic sequences associated with quadratic irrationals 221 (1996) 301
Feng, D., see Wu, X.L. 221 (1996) 261
Ferrándiz, J.M., M.E. Sansaturio and I. Vigo, Non integrability of the truncated zonal satellite Hamiltonian at any order 221 (1996) 153
Fukukawa, D., see Horiguchi, T. 221 (1996) 350

Grünberg, P., see Kuanr, B.K. 221 (1996) 245
Grunnet-Jepsen, A., see Hattel, S.A. 221 (1996) 115
Gruver, J.L., see Aliaga, J. 221 (1996) 19

Han, Y.D., W.Y. Hwang and I.G. Koh, Explicit solutions for negative-probability measures for all entangled states 221 (1996) 283
Hasegawa, M., see Sakanishi, A. 221 (1996) 395
Hatsagortsian, K.Z. and T.R. Hovhannissian, Stimulated resonant bremsstrahlung in a high-frequency electromagnetic pump field 221 (1996) 5
Hattel, S.A., A. Grunnet-Jepsen and M.R. Samuelsen, Dynamics of three coupled long Josephson junctions 221 (1996) 115
Hikami, K. and S. Murakami, Integrability of a Hubbard-like model: Lattice analogue of the δ-function interacting gas 221 (1996) 109
Hildebrand, A., A. Ruhrmann, S. Maurmann and H.-J. Kunze, Amplified spontaneous emission on the $J = 2 \rightarrow 1$, 3p–3s transition of neonlike argon in a capillary discharge 221 (1996) 335
Honda, Y., see Horiguchi, T. 221 (1996) 350
Hor, P.-H., see Zhang, C. 221 (1996) 239
Horiguchi, T., D. Fukukawa and Y. Honda, Critical exponent η in the ground state of spin-S Ising model on a Villain lattice by Monte Carlo simulations 221 (1996) 350
Hovhannissian, T.R., see Hatsagortsian, K.Z. 221 (1996) 5
Huang, N.-N., Z.-Y. Chen and H. Yue, Marchenko equation for dark soliton solutions of the mKdV equation 221 (1996) 167
Hwang, W.Y., see Han, Y.D. 221 (1996) 283

Ikeda, M.A., see Sugihara, M. 221 (1996) 400
Inoue, Y., see Totsuji, H. 221 (1996) 215
Izmailian, N.Sh., see Ananikian, N.S. 221 (1996) 434

Jiang, Q., H. Cao and Z. Li, Thermodynamic properties of the Heisenberg chain with spin $S = 1$ 221 (1996) 415
Jiang, S.S., see Wu, X.L. 221 (1996) 261

Kagan, M.Yu., P. Brussaard and H.W. Capel, Critical temperatures of A1 and A2 phases of a superfluid Fermi-gas in a magnetic field 221 (1996) 407
Khanna, F.C., see Plastino, A. 221 (1996) 29
Khare, A., A class of exact solutions for N-anyons in a N-body potential 221 (1996) 365
Khriplovich, I.B., A.I. Milstein and R.A. Sen'kov, Nature of the Darwin term and $(Z\alpha)^4 m^3/M^2$ contribution to the Lamb shift for an arbitrary spin of the nucleus 221 (1996) 370
Kim, J.-H., S.-M. Yun and H.-Y. Chang, $M = +1$ mode helicon wave excitation using solenoid antenna 221 (1996) 94
Kishimoto, T., see Totsuji, H. 221 (1996) 215
Koh, I.G., see Han, Y.D. 221 (1996) 283
Konotop, V.V., see Cunha, M.D. 221 (1996) 317
Kuanr, A.V., see Kuanr, B.K. 221 (1996) 245
Kuanr, B.K., A.V. Kuanr, P. Grünberg and G. Nimtz, Swept-frequency FMR on Fe/Cr/Fe trilayer ultrathin films; microwave giant magnetoresistance 221 (1996) 245
Kucirka, J. and A.G. Shekhtman, On the deracemization of a chiral molecular beam by interaction with circularly polarized light 221 (1996) 273
Kudashev, V. and B. Suleimanov, A soft mechanism for the generation of dissipationless shock waves 221 (1996) 204
Kunze, H.-J., see Hildebrand, A. 221 (1996) 335
Kuznetsov, E.A. and S.S. Minaev, Formation and propagation of cracks on the flame surface 221 (1996) 187
Kuznetsov, E.A., see Dyachenko, A.I. 221 (1996) 73

Lai, Y.-C., Driving trajectories to a desirable attractor by using small control 221 (1996) 375
Lemos, N.A., Quantum cosmology with conformally invariant scalar field 221 (1996) 359
Lessner, G., Stochastic statistical mechanics and electric conductivity of a cold plasma 221 (1996) 293
Leznov, A.N., see Fairlie, D.B. 221 (1996) 306
Li, B., see Li, Y. 221 (1996) 65
Li, Y., J. Rao and B. Li, Microwave multiphoton transition of the Rydberg potassium atom 221 (1996) 65
Li, Z., see Jiang, Q. 221 (1996) 415
Lin, Z., see Fan, L. 221 (1996) 301
Liu, R., see Shuai, J. 221 (1996) 311
Liu, W.-M. and F.-C. Pu, Exact solution of the boson–fermion model with two bands 221 (1996) 227
Liu, Y.-X., The squeezed component of the atomic collective phase quadrature operators with respect to a two-level atomic coherent state 221 (1996) 384
Luo, J., see Song, Y. 221 (1996) 124

Ma, T.-C., see Wang, Y.-N. 221 (1996) 134
Magnasco, M.O. and D.S. Thaler, Changing the pace of evolution 221 (1996) 287
Mancho, A.M., A.A. Duarte and G.B. Mindlin, Time delay embeddings and the structure of flows 221 (1996) 181
Mansour-Gabr, M., see Mostafa, M.F. 221 (1996) 253
Matveev, V. and R. Shrock, Complex-temperature phase diagram of the 1D Z_6 clock model and its connection with higher-dimensional models 221 (1996) 343

Maurer, P., see Babloyantz, A. 221 (1996) 43
Maurmann, S., see Hildebrand, A. 221 (1996) 335
Miller, H.G., see Plastino, A. 221 (1996) 29
Milstein, A.I., see Khriplovich, I.B. 221 (1996) 370
Minaev, S.S., see Kuznetsov, E.A. 221 (1996) 187
Mindlin, G.B., see Mancho, A.M. 221 (1996) 181
Mizrahi, S.S., see Moussa, M.H.Y. 221 (1996) 145
Montoya, F., see Romera, M. 221 (1996) 158
Mosier-Boss, P.A., see Szpak, S. 221 (1996) 141
Mostafa, M.F., S. Arafat and M. Mansour-Gabr, Electric and magnetic investigations of the new layered compound bis(DL-alaninium)tetrachlorocuperate 221 (1996) 253
Moussa, M.H.Y., S.S. Mizrahi and A.O. Caldeira, Quantum coherence in a dissipative-driven system and the optical Stern–Gerlach experiment 221 (1996) 145
Murakami, S., see Hikami, K. 221 (1996) 109
Murthy, S.A., see Unnikrishnan, C.S. 221 (1996) 1

Nakayama, T., see Sugihara, M. 221 (1996) 400
Nara, S., see Totsuji, H. 221 (1996) 215
Nimtz, G., see Kuanr, B.K. 221 (1996) 245
Nip, M.L.A., see Dixon, J.M. 221 (1996) 56

Oganessyan, K.A., see Ananikian, N.S. 221 (1996) 434
Okrasinski, W., see Cuadros, F. 221 (1996) 339

Pastor, G., see Romera, M. 221 (1996) 158
Pickering, A., Weak perturbative Painlevé analysis and descending series solutions 221 (1996) 174
Pitaevskii, L.P., Dynamics of collapse of a confined Bose gas 221 (1996) 14
Plastino, A., A.R. Plastino, H.G. Miller and F.C. Khanna, A lower bound for Fisher's information measure 221 (1996) 29
Plastino, A.R., see Plastino, A. 221 (1996) 29
Porsezian, K., Generalized x-dependent modified Korteweg–de Vries equation: Painlevé analysis, Bäcklund transformation and soliton solutions 221 (1996) 163
Porubov, A.V., Periodical solution to the nonlinear dissipative equation for surface waves in a convecting liquid layer 221 (1996) 391
Pu, F.-C., see Liu, W.-M. 221 (1996) 227

Rao, J., see Li, Y. 221 (1996) 65
Reineker, P., see Yudson, V.I. 221 (1996) 265
Romera, M., G. Pastor and F. Montoya, On the cusp and the tip of a midget in the Mandelbrot set antenna 221 (1996) 158
Ruhrmann, A., see Hildebrand, A. 221 (1996) 335
Rumpf, B., Stationary planar domain walls of a classical spin chain 221 (1996) 197

Sakanishi, A., M. Hasegawa and Y. Ushiyama, Pressure pulse wave for blood flow in the aorta from the viewpoint of the nonlinear Toda lattice 221 (1996) 395
Samuelsen, M.R., see Hattel, S.A. 221 (1996) 115
Sansaturio, M.E., see Ferrándiz, J.M. 221 (1996) 153
Sato, R., Exact superconducting ground states of a model for strongly correlated heavy-fermion systems 221 (1996) 220

Savvidy, G.K., K.G. Savvidy and P.G. Savvidy, Dual statistical systems and geometrical string 221 (1996) 233
Savvidy, K.G., see Savvidy, G.K. 221 (1996) 233
Savvidy, P.G., see Savvidy, G.K. 221 (1996) 233
Sen'kov, R.A., see Khriplovich, I.B. 221 (1996) 370
Shekhtman, A.G., see Kucirka, J. 221 (1996) 273
Shrock, R., see Matveev, V. 221 (1996) 343
Shuai, J., Z. Chen, R. Liu and B. Wu, The self-evolution neural model 221 (1996) 311
Šimánek, E., Non-Abelian adiabatic phases in vortex dynamics. Magnus force in Fermi superfluids 221 (1996) 277
Siu, G.G., see Wu, X.L. 221 (1996) 261
Song, Y., Y. Chen, J. Luo and D. Xian, An analytical treatment of critical temperature of $(d+1)$-dimensional Ising layers 221 (1996) 124
Spector, M.D., see Dyachenko, A.I. 221 (1996) 73
Stolzmann, W. and T. Blöcker, Equation of state for multicomponent plasmas by Padé approximants 221 (1996) 99
Sugihara, M., T. Nakayama, A. Tanabe and M.A. Ikeda, Band structure and antiferromagnetism of a single CuO_2 layer 221 (1996) 400
Suleimanov, B., see Kudashev, V. 221 (1996) 204
Szpak, S. and P.A. Mosier-Boss, On the behavior of the cathodically polarized Pd/D system: a response to Vigier's comments 221 (1996) 141

Tanabe, A., see Sugihara, M. 221 (1996) 400
Tessarotto, M., see Zheng, L.-J. 221 (1996) 209
Thaler, D.S., see Magnasco, M.O. 221 (1996) 287
Tirapegui, E., see Barra, F. 221 (1996) 193
Totsuji, C., see Totsuji, H. 221 (1996) 215
Totsuji, H., T. Kishimoto, Y. Inoue, C. Totsuji and S. Nara, Yukawa system (dusty plasma) in one-dimensional external fields 221 (1996) 215
Tuszyński, J.A., see Dixon, J.M. 221 (1996) 56

Unnikrishnan, C.S. and S.A. Murthy, Some comments on the two prism tunnelling experiment 221 (1996) 1
Ushiyama, Y., see Sakanishi, A. 221 (1996) 395

Vázquez, L., see Cunha, M.D. 221 (1996) 317
Vigier, J.P., On cathodically polarized Pd/D systems 221 (1996) 138
Vigo, I., see Ferrándiz, J.M. 221 (1996) 153

Wang, Y.-N. and T.-C. Ma, Bethe stopping power theory for fast ions moving through two-dimensional targets: harmonic oscillator model 221 (1996) 134
Wu, B., see Shuai, J. 221 (1996) 311
Wu, X.L., F. Yan, G.G. Siu, X.M. Bao, S.S. Jiang and D. Feng, Laser-induced structural instabilities of porous silicon nanocrystallites 221 (1996) 261

Xian, D., see Song, Y. 221 (1996) 124

Yakhontov, V.L. and M.Ya. Amusia, Radiative double electron capture in fast heavy ion–atom collisions 221 (1996) 328

Yan, F., see Wu, X.L. 221 (1996) 261
Yu, W.-L., Study of the local distortion of the tetragonal charge-compensation defect sites in Cr^{3+}:MgO 221 (1996) 355
Yudson, V.I. and P. Reineker, Coherence decay and luminescence in an optically excited quantum well: strong difference between the cases of a single and several beams of excitons 221 (1996) 265
Yue, H., see Huang, N.-N. 221 (1996) 167
Yun, S.-M., see Kim, J.-H. 221 (1996) 94

Zakharov, V.E., see Dyachenko, A.I. 221 (1996) 73
Zakharov, V.E., see Dyachenko, A.I. 221 (1996) 80
Zhang, C., F. Ding, P.-H. Hor and X. Dai, Theory of the measurement of resistivity of superconductors and its dual integral equations 221 (1996) 239
Zheng, L.-J. and M. Tessarotto, Kinetic effect on the magnetohydrodynamic modes with frequency comparable to the ion transit one 221 (1996) 209
Zhou, H.-Q., Quantum integrability for the one-dimensional Bariev chain 221 (1996) 104